

Sodbury Rural District Council



# ANNUAL REPORT

— *of the* —

Medical Officer of Health

*for the year*

1938

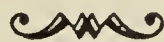




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Sodbury Rural District Council



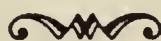
# ANNUAL REPORT

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Medical Officer of Health

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COUNCIL OFFICES,  
CHIPPING SODBURY,  
NR. BRISTOL.

LADIES AND GENTLEMEN,

I have pleasure in presenting my first Annual Report on the Health of the Sodbury Rural District, for the year 1938.

My duties commenced on 1st May, 1938, and I wish to thank the Council for their kind consideration, Dr. T. Rhind, the retired Medical Officer of Health, for the assistance given to me when taking over duty, and all members of the Staff for their co-operation.

This Report, which is the 26th of its kind, is drawn up in accordance with the Ministry of Health Circular 1728 dated 25th October, 1938, and the Vital Statistics are calculated on the corrected births and deaths figures supplied by the Registrar General.

I am,

Your obedient servant,

J. MENZIES CORMACK.

*Medical Officer of Health.*

## SODBURY RURAL DISTRICT

### *Composition of District—*

Parishes of Chipping Sodbury, Old Sodbury, Little Sodbury, Westerleigh, Pucklechurch, Dodington, Dyrham, Wick and Abson, Doyn-ton, Cold Ashton, Marshfield, Tormarton, Acton Turville, Great Bad-minton, Horton Hawkesbury, Alderley, Wickwar, Yate, Frampton Cotterell, Iron Acton, Winterbourne, Filton and Stoke Gifford.

### *Chairman of Council—*

G. MORTIMER, Esq., J.P., Wallscourt, Stoke Gifford.

### *Clerk to Council—*

L. C. ST. LEGER YEEND, A.C.I.S., A.L.A.A.

### *Medical Officer of Health—*

T. RHIND, M.R.C.S., L.R.C.P., D.P.H. (to 30/4/38).

J. MENZIES CORMACK, M.B., Ch.B., D.P.H. (from 1/5/38).

### *Sanitary Inspectors and Surveyors—*

W. H. WILLIAMS, M.I.R.A., F.I.A.A. & S., A.M.I.S.E.

H. S. HALE, A.R.S.I., M.S.I.A.

A. H. BENNETT, M.S.I.A.

Building Surveyor & Town Planning Officer: W. A. H. LEWIS.

Housing Supervisor: H. C. JAMES.

Sewerage Works Foreman: A. S. HUGGINS.

Clerks—G. W. FRY and Miss E. DAVIES.



## (A) STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

### (a) General Statistics.

Area: 68,557 acres.

Population (Registrar General's estimate mid-1938): 28,660.

Do. (census 1931): 24,478.

Number of inhabited houses December 1938 (Rate Book): 8,965.

Rateable Value: £130,864.

Sum represented by a penny Rate: £545.

It will be noted that the population figure has grown to 28,660, an increase of 1,020 over the 1937 total. This is probably an underestimate in view of the rapid and exceptional influx of population in the Filton area.

### (b) Social Conditions.

The outstanding feature of the Social Conditions of this Area is the rapid expansion and development of the Parish of Filton. Conditions of this Parish now approximate to that of an Urban area, and it is interesting to note that while about 10 years ago the population was slightly over 800 persons, it is now probably over 10,000.

In the Parish of Yate, opportunities of employment have also increased, and there appears to be a shortage of houses in this District owing to the increased number of persons coming into the area. The expansion of both these areas is directly due to the extension of the aeroplane industry locally. Unemployment seems to be conspicuous by its absence and employers in the Rural Parishes complain of the lack of labour available.

The principal industry carried on is the Aircraft Industry, and this development is due to expansion of civilian as well as military requirements.

The following is a list of principal trades carried on:—

Trade	Number
Aircraft Construction ... ..	2
Bakeries ... ..	19
Biscuit Manufacturing ... ..	1
Brick Manufacturing ... ..	3
Basket Making ... ..	1
Blacksmiths ... ..	4
Boot Repairing ... ..	1
Coach Painting and Spraying ... ..	1
Concrete Beam Manufacturing ... ..	2
Coal Gas Manufacturing ... ..	1
Colour Manufacturing ... ..	2
Grist Manufacturing ... ..	3
General Engineering ... ..	5
Cider Making ... ..	1
Letterpress Printing ... ..	1
Lime Burning ... ..	1
Motor Engineering ... ..	19
Quarrying ... ..	2
Rag Flock Manufacturing ... ..	1
Saw Mills ... ..	2
Stone Grinding ... ..	1
Sign Writing ... ..	1
Sausage Making ... ..	1
Tile Manufacturing ... ..	1
Tailoring ... ..	3
Laundries ... ..	1
Tar Macadam Manufacturing ... ..	2
Stone Sawing ... ..	1
Wheelwrights ... ..	4
Joinery ... ..	11
Total ...	98

These figures are in accordance with the Factory Inspector's Register.

### (c) Extracts from Vital Statistics.

These figures are furnished by the Registrar General, and are corrected for inward and outward transfers.

#### Live Births—

	Total	M.	F.	
Legitimate	482	264	218	} Birth Rate per 1,000 of the estimated resident population 17.1
Illegitimate	8	5	3	
Stillbirths	22	14	8	} Rate per 1,000 total (live & still) Births ... .. 43.0
Deaths	316	172	144	
				Death Rate per 1,000 of the estimated resident population 11.0

Deaths from puerperal causes (Headings 29 and 30 of the Registrar General's short list): —

	Deaths	Rate per 1,000 total (live & still) births.
No. 29 Puerperal Sepsis ... ..	4	7.8
No. 30. Other Puerperal causes ... ..	2	3.9
Total ... ..	6	11.7
Deaths of infants under one year of age ... ..	18	
Death Rate of Infants under one year of age—		
All infants per 1,000 live births ... ..		36.7
Legitimate infants per 1,000 legitimate live births ... ..		33.2
Illegitimate infants per 1,000 illegitimate live births ... ..		250.0
Deaths from Cancer (all ages) ... ..	44	
Deaths from Measles (all ages) ... ..	1	
Deaths from Whooping Cough (all ages) ... ..	nil	
Deaths from Diarrhoea (under 2 years of age) ... ..	nil	

The number of births shows an increase of 119 over 1937 total; the birth rate at 17.1 being correspondingly higher.

The deaths were also higher over the year, 316 deaths being recorded, but with the increase in population the death rate remains at 11.0 per thousand. Among the principal causes of deaths, Heart Disease accounted for 78 deaths giving a rate per thousand of 2.7, while Cancer caused 44 deaths showing a rate of 1.5 per thousand. Tuberculosis was responsible for 12 deaths, and comments on this Disease appear under a separate heading later in the report. The Infantile deaths (under one year) numbered 18, giving an Infantile Mortality rate of 36.7 per thousand.



The following Table shows the classification of Deaths under 36 principal causes, arranged in age groups.

Cause of Death	under 1 yr.	1-5 yrs.	5 yrs.	15 yrs.	25 yrs.	45 yrs.	65 & up	T'tal
Typhoid & Paratyphoid Fevers	—	—	—	—	—	—	—	—
Measles	—	—	1	—	—	—	—	1
Scarlet Fever	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—
Influenza	—	—	1	1	—	2	4	8
Encephalitis Lethargica	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever	—	—	1	—	—	—	—	1
Pulmonary Tuberculosis	—	—	2	3	6	1	—	12
Other Tuberculosis Diseases	—	—	1	1	—	—	—	2
Syphilis	—	—	—	1	—	—	—	1
G.P.I.	—	—	—	—	—	2	—	2
Cancer	—	—	—	2	4	21	17	44
Diabetes	—	—	—	1	1	—	2	4
Cerebral Haemorrhage, etc.	—	—	—	—	—	3	7	10
Heart Disease	—	—	—	1	6	17	54	78
Aneurism	—	—	—	—	—	1	—	1
Other Circulatory Diseases	—	—	—	—	1	2	13	16
Bronchitis	—	—	—	—	—	2	7	9
Pneumonia (all forms)	—	—	1	1	4	5	4	15
Other Respiratory Diseases	—	—	—	1	—	1	—	2
Peptic Ulcer	—	—	—	—	—	—	1	1
Diarrhoea (under 2 yrs.)	—	—	—	—	—	—	—	—
Appendicitis	—	—	—	—	1	—	—	1
Cirrhosis of Liver	—	—	—	—	—	1	—	1
Other Liver Diseases	—	—	—	—	1	—	—	1
Other Digestive Diseases	—	—	—	1	1	3	3	8
Acute and Chronic Nephritis	—	—	—	2	—	3	6	11
Puerperal Sepsis	—	—	—	2	2	—	—	4
Other Puerperal Causes	—	—	—	1	1	—	—	2
Congenital Debility, Pre-mature Birth	16	—	—	—	—	—	—	16
Senility	—	—	—	—	—	1	11	12
Suicide	—	—	—	—	—	5	1	6
Other Violence	1	1	1	1	5	5	5	19
Other Defined Causes	1	—	2	5	4	6	10	28
Ill-defined or Unknown	—	—	—	—	—	—	—	—
Diarrhoea (over 2 yrs.)	—	—	—	—	—	—	—	—
	18	1	10	24	37	81	145	316

## (B) GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

### (a) Public Health Staff.

A list of the Public Health Officers and Staff appears in the front of this report, the principal change noted being the retirement from office of Dr. T. Rhind, Medical Officer of Health for some 25 years.

The present Medical Officer of Health appointed by the South Gloucestershire Joint (M.O.H.) Committee, commenced duties on 1st May, 1938. This Officer is a full-time Public Health Officer dividing his duties among the four districts of Sodbury and Warmley (Rural) and Kingswood and Mangotsfield (Urban). The Committee, formed under Section 3 of the Local Government Act, 1933, is composed as follows: - -

Authority	No. of Representatives
Sodbury Rural District ... ..	6
Warmley Rural District ... ..	2
Kingswood Urban District ... ..	4
Mangotsfield Urban District ... ..	3
Chairman—Mr. T. BURNHAM, J.P., C.C. (Kingswood).	
Clerk—Mr. E. A. E. STEVENTON (Kingswood U.D.C.).	

There were no other changes in the Public Health Staff during the year.

### (b) Laboratory Facilities.

There has been no change in the arrangements for examination of throat swabs, sputa, etc., which are carried out by the Department of Preventive Medicine, Bristol University. The Agricultural Advisory Department at the University carries out the bacteriological examination of milk samples.

Chemical and bacteriological analyses of water samples and sewage effluent, etc., are now carried out by the County Analyst at Gloucester at a special rate arranged by the County Council.

### (c) Ambulance Facilities.

The Bristol City and Marine Corps and the St. John Ambulance Brigade continue to serve the District with ambulance facilities and this appears to be adequate. The Mangotsfield Hospital ambulance is available for the patients suffering from infectious disease.

During the year a Representation from the Sodbury Parish Council in regard to need for additional ambulance facilities was considered by the Rural Council, but no action was then considered necessary.

### (d) Nursing in the Home.

The Gloucestershire County Nursing Association is a Committee formed to co-ordinate the work of local Nursing Associations to assist in training and supervising nurses, and to co-operate with the County Council and Queen's Institute.

The following notes indicate the work carried out by local Nursing Associations in certain parts: —

### **Badminton and Tormarton**

Nurse M. Brown, Queen's Nurse, S.C.M.

New Cases: Midwifery, 5; Maternity, 2; Medical, 73; Surgical, 83; Nights on duty, 8.

Number of Visits: Nursing, 2,014; Public Health Works, 272.

### **Chipping Sodbury and District**

Nurse Heath, Queen's Nurse, S.C.M.

New Cases: Midwifery, 3; Maternity, 0; Medical, 88; Surgical, 41; Nights on duty 3.

Number of Visits: Nursing, 2,394; Public Health Work, 604.

### **Coalpit Heath and Frampton Cotterell**

Nurse Duffus, S.C.M.

New Cases: Midwifery, 38; Maternity, 5; Medical, 182; Surgical, 68; Nights on duty, 10.

Number of Visits: Nursing, 3,533; Public Health Work, 1,078.

### **Filton and Stoke Gifford**

Nurse M. Jones, Trained Nurse, S.C.M.

Nurse Scruton, Trained Nurse, S.C.M.

New Cases; Midwifery, 49; Maternity, 34; Medical, 252; Surgical, 80; Nights on duty, 50.

Number of Visits: Nursing, 8,562; Public Health Work, 3,223.

### **Frampton and District**

Nurse E. Hart, S.C.M.

New Cases: Midwifery, 28; Maternity, 5; Medical, 14; Surgical, 55; Nights on duty, 15.

Total Number of Visits: 3,456.

### **Frenchay, Hambrook and Winterbourne Down**

Nurse Price, S.C.M.

New Cases: Midwifery, 4; Maternity, 0; Medical, 10; Surgical, 12; Nights on duty, 1.

Number of Visits: Nursing, 396; Public Health Work, 326.

### **Hawkesbury Upton**

Nurse Coombey, S.C.M.

New Cases: Midwifery, 11; Maternity, 4; Medical, 89; Surgical, 72; Nights on duty, 9.

Number of Visits: Nursing, 2,765; Public Health Work, 537.

### **Hillesley, Alderley and Tresham**

Nurse Hirst, S.C.M., Health Visitor's Certificate.

New Cases: Midwifery, 3; Maternity, 2; Medical, 93; Surgical, 32; Nights on duty, 3.

Number of Visits: Nursing, 1,978; Public Health Work, 310.



**Hinton and District**

Nurse Dobinson (left), Temporary Nurse.

New Cases: Midwifery, 25; Maternity, 5; Medical, 91; Surgical, 50; Nights on duty, 23.

Number of Visits: Nursing 2,617; Public Health Work, 533.

**Horton**

Nurse Self, S.C.M.

New Cases: Midwifery, 14; Maternity, 3; Medical, 50; Surgical, 32; Nights on duty, 13.

Number of Visits: Nursing, 3,307; Public Health Work, 675.

**Iron Acton, Rangeworthy and District**

Nurse M. Broad (left); Nurse Hathaway, S.C.M.

New Cases: Midwifery, 9; Maternity, 2; Medical, 96; Surgical, 59; Nights on duty, 7.

Number of Visits: Nursing, 2,385; Public Health Work, 418.

**Marshfield Cold Ashton and West Littleton**

Nurse Whittard, S.C.M.

New Cases: Midwifery, 12; Maternity, 0; Medical, 166; Surgical, 101; Nights on duty, 8.

Number of Visits: Nursing, 3,970; Public Health Work, 22.

**Wick and District Nursing Association**

Nurse Lane, S.C.M.

New Cases: Midwifery, 11; Maternity, 6; Medical, 100; Surgical, 30; Nights on duty, 9.

Number of Visits: Nursing, 1,916; Public Health Work, 512.

**Wickwar**

Nurse Fitzgerald (left); Nurse Clappen, S.C.M.

New Cases: Midwifery, 9; Maternity, 3; Medical, 190; Surgical, 101; Nights on duty, 14.

Number of Visits: Nursing, 4,435; Public Health Work, 289.

**Winterbourne and District**

Nurse Bennett, S.C.M.

New Cases: Midwifery, 11; Maternity, 2; Medical, 105; Surgical, 47; Nights on duty, 18.

Number of Visits: Nursing, 2,843; Public Health Work, 716.

**Yate**

Nurse Barnes, S.C.M.

New Cases: Midwifery, 15; Maternity, 0; Medical, 75; Surgical, 29; Nights on Duty, 15.

Number of Visits: Nursing, 2,467; Public Health Work, 784.



**(e) Treatment Centres and Clinics.**

The Gloucestershire County Council maintains two Clinics (Out-Stations) in the Rural Area, at Chipping Sodbury and Hambrook, and I am indebted to the County Medical Officer of Health for the under-mentioned tabulated information of the work carried out during the year:

				X <u>Chipping Sodbury</u>	Hambrook
<i>Openings</i>				104	50
<i>Cases.</i>					
	School Children	...	...	420	172
	Tuberculosis	...	...	47	10
	M. & C.W.	...	...	41	54
				<hr/>	<hr/>
				508	236
<i>Attendances.</i>					
	School Children	...	...	902	256
	Tuberculosis	...	...	89	12
	M. & C.W.	...	...	59	76
				<hr/>	<hr/>
				1050	344
<i>Specialist Services.</i>					
<i>Visits.</i>					
	Ophthalmic Surgeon	...	...	4	3
	Ear and Throat	...	...	7	2
	Orthopaedic	...	...	4	—
				<hr/>	<hr/>
				15	5
<i>Cases</i>					
	Vision	...	...	59	54
	Ear, Throat and Nose	...	...	83	31
	Orthopaedic	...	...	111	—
				<hr/>	<hr/>
				253	85
<i>Operations.</i>					
	Tonsils and Adenoids	...	...	34	—

A Treatment Centre for the Filton Area was awaiting final approval of Plans before construction was commenced. When completed this will be of great value in this District.

A Child Welfare Clinic, organized and maintained by the Chipping Sodbury and District Child Welfare Centre, is held regularly at the Public Assistance Board Room, Yate. The centre is aided by voluntary subscriptions and grants from the Gloucestershire County Council. A medical officer attends each week for consultations and advice, but if medical attention is needed the mother is advised to consult her own Doctor. The Medical Officer is assisted in his work by the County

Health Visitors. Voluntary workers carry out other duties in connection with the running of the Centre. Mrs. Arnold, the Hon. Secretary, has kindly supplied me with the following report of work carried out during the year: —

No. of children on Register at the end of 1938	...	...	...	87
Total No. of attendances of Mothers during year	...	...	...	629
Total No. of attendances of Children during year	...	...	...	779
Total No. of Welfare Sessions	...	...	...	21
Total No. of Medical Sessions	...	...	...	20
Total No. of Medical Consultations	...	...	...	357
Total No. of Children seen by Medical Officer	...	...	...	102
Average attendance of Children per Session	...	...	...	37

The Dental Surgeon examined 5 Mothers and 2 Children during the year.

Another child Welfare Clinic is organized and maintained by the Filton Infant Welfare Centre. Mrs. H. J. Hunt, the Hon. Secretary, has kindly supplied the following record of work carried out during the year: —

No. of children on Register at the beginning of year (under 12 months, 107; over 12 months, 185)	...	...	...	292
No. of new children who on the date of their first attendance were under 12 months, 143; over 12 months, 83)	...	...	...	226
No. of children who have left of school age	...	...	24	
No. of children lapsed during year & transferred to Patchway	235			259
No. of children on Register at end of year (under 12 months, 78; over 12 months, 181)	...	...	...	259
Total No. of attendances of Mothers during year	...	...	...	3704
Total No. of attendances of children during year (under 12 months, 1818; over 12 months 2247)	...	...	...	4065
Total No. of sessions (38 Dr. Nott; 35 Dr. Gibb; 1 Dr. Jones; 1 Dr. Phillips)	...	...	...	75
Total No. of children seen by Medical Officer of Health (under 12 months, 197; over 12 months, 125)	...	...	...	322
Total No. of Medical Consultations	...	...	892	892
Visits by Dental Surgeon	...	...	3	3
Total No. of Mothers seen by Dental Surgeon	...	...	4	4
Total No. of Children seen by Dental Surgeon	...	...	8	8

#### (f) Hospitals, Public and Voluntary.

(1) *Infectious Diseases.* Mangotsfield Isolation Hospital is controlled by the Warmley and Mangotsfield Hospital Committee, and has 35 beds for the treatment of Infectious Diseases. The cost per patient per week is £3, and no retaining fee is paid by this Authority. By arrangement with the Bristol Corporation, patients requiring operations

are transferred to Ham Green Hospital. Ambulance facilities are provided for removal of infectious patients. The Hospital is under the control of Dr. T. Aubrey, senr., of Bitton.

The number of patients treated in the Mangotsfield Isolation Hospital during 1938, is as follows:—

Diphtheria	...	...	...	...	...	7
Scarlet Fever	...	...	...	...	...	22
Measles	...	...	...	...	...	1
Erysipelas	...	...	...	...	...	2
						<hr/> 32

(2) *Small-pox.* The Small-pox Hospital at Chipping Sodbury has 12 beds for isolation and treatment of patients with small-pox, but its use was not required during the year. The Hospital is maintained by the South West Gloucestershire Combined District Small-pox Hospital Committee, which consists of the following:—

<i>Authority</i>	<i>No. of Representatives</i>			
Thornbury Rural District	...	...	...	3
Sodbury Rural District	...	...	...	3
Warmley Rural District	...	...	...	3
Kingswood Urban District	...	...	...	3
Mangotsfield Urban District	...	...	...	3
Dursley Rural District	...	...	...	3

*Chairman*—Mr. G. W. MORTIMER, J.P.

*Clerk*—Mr. L. C. ST. LEGER YEEND (Sodbury R.D.)

(3) *Tuberculosis.* Institutional treatment for cases of Tuberculosis is available at Stonehouse Sanatorium, Over Hospital, Gloucester, and for surgical cases the Bristol Hospitals.

(4) *Voluntary Hospitals.* The facilities provided by Bristol Hospitals are fully taken advantage of by the residents in this Area.

A small voluntary hospital (the Chipping Sodbury District War Memorial Cottage Hospital) is also maintained at Chipping Sodbury where much useful work is done. Extension of accommodation is proposed in the near future to meet the growing demands made on the Hospital. The following figures are from the 19th Annual Report:—

*Summary of Cases Treated.*

Number of Out-patients	...	...	...	...	201
Number of In-patients	...	...	...	...	114
Number of Clinic Cases	...	...	...	...	508
Number of Attendances of all Clinic Cases	...	...	...	...	1050
Number of Maternity Cases	...	...	...	...	31
Number of X-Ray Cases	...	...	...	...	103



## (C) SANITARY CIRCUMSTANCES OF THE AREA.

### (a) Water Supply.

There have been no important changes during 1938 with the service of water supply for this District, many houses being supplied by the West Gloucestershire Water Company.

There was no shortage during the year. The standard of purity of the Company's water is very good and is maintained by close bacteriological examination, and filtration with correlated chlorination.

The Secretary of the Company has kindly forwarded a copy of one of their fortnightly bacteriological analyses, as shown below:—

*The Counties Public Health Laboratories,  
91 Queen Victoria Street,*

*London, E.C. 4*

Ref. M/HR/72.

*29th April, 1939.*

Report on the Bacteriological Examination of a sample of water received 25/4/39 from West Glos. Water Co., labelled "Frampton Cotterell Pumping Station," Chlorinated at 0.5 p.p.m. and filtered after two hours' contact. Date, 24/4/39, 11.2 a.m.

Taken by E. J. Dale. Witness, W. Whittern. Signed, Eric J. Dale.

Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. in 1 day ...	3
Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 37° C. in 2 days ...	5
Number of Colonies per cubic centimetre or millilitre of water growing upon Agar at 20° C. in 3 days ...	6
Smallest quantity of water producing acid and gas in Bile-Salt Lactose Broth after 2 days incubation at 37° C. (Presumptive Bacillus Coli Test) ...	Absent in 100 c.c.
Smallest quantity of water containing the Bacillus Coli	Absent in 100 c.c.
Smallest quantity of water giving the reaction of the B. Welchii (Bacillus Enteritidis Sporogenes)	Absent in 100 c.c.

This sample is clear and bright and of a high degree of bacterial purity in which respects it is considered an efficiently treated water, pure and wholesome in character, and suitable for the purposes of public supply.—(Signed) E. V. SUCKLING.

*New Connections.* 884 houses were connected to the Company's mains during the year.

*Water Samples for Analyses.* During the year 43 samples of water were analysed. Only 8 proved satisfactory. The samples were taken from private wells and springs mainly in the Hawkesbury Parish.

*Hawkesbury.* During the year a scheme was promoted for an adequate and pure supply of water to the Parish of Hawkesbury.

On February 17th, 1938, a Ministry of Health Inquiry was held into the question of obtaining a piped supply of water to the village of Hawkesbury, Tresham, Inglestone Common and Hawkesbury Common. After due consideration the Ministry of Health advised the



Council that in their opinion the suggested schemes were inadvisable on account of the unreliability of the springs, and advised that the one supply should be taken from near the Wine Cellar Spring and the whole of the Parish be co-ordinated to the scheme.

The scheme has been prepared by the Engineers and submitted to the Ministry of Health. An Inquiry into the scheme was pending at the close of the year.

*Frampton Cotterell.* In this Parish an extension has been made to serve 17 properties. Notices requiring supplies have been served, and 7 connections has been made.

*Westerleigh.* In this Parish an extension of mains has been made to serve the New Engine, Henfield and Ram Hill area. Notices to provide supplies are now being served where existing supplies are insufficient and unfit.

*Henroost Farm, Winterbourne, Water Supply.* As a result of samples of water taken from the well serving this Farm and its two cottages, an application to the Court resulted in an Order being made for the closure of the well.

## **(b) Drainage and Sewerage.**

*Filton and Frome Valley Sewerage Scheme.* A Public Local Inquiry was held by an Inspector of the Ministry of Health on the 19th July, 1938. The Scheme was approved in principle, and at the end of the year plans for putting it into effect were well advanced.

Contracts will be entered into jointly by the Sodbury and Thornbury Rural Councils.

In the Sodbury Area the Scheme involves the laying of Trunk Sewers to serve the lower, north and north-eastern end of the Parish of Filton, together with a large portion of the Parish of Stoke Gifford.

The Trunk Sewer to serve the Thornbury District portion will connect into that sewer and will then jointly flow to and be treated in new temporary Outfall Works on the borders of Winterbourne. Prospective development in the Bristol Area may make it possible for future discharge of sewage to be made direct to the new sewers of the major Bristol Scheme.

*Marshfield.* Connections to the Sewers and Water mains are still proceeding. The extension of sewers to Taylors Passage, Touching End Lane and near the Almhouses, have been completed and several houses connected thereto. The Outfall Works has functioned satisfactorily during the past year and continue to give good effluent.

*Pucklechurch and Wick Sewerage Scheme.* Owing to the requirements of a Sewerage Scheme for the Parish of Wick and also owing to the contour of the ground it was deemed advisable to combine the two Schemes and provide one Outfall Works at the extreme end of the Wick Parish.

The Engineers appointed by the Council have now worked out a combined Scheme for these two Parishes which has been forwarded to the Minister of Health who will be holding an Inquiry in the early part of 1939.

### **(c) Rivers and Streams.**

The Stoke Brook which receives the whole of the surface and roof water of the north of Filton, has been cleared out and mudded.

### **(d) Closet Accommodation.**

During the year 15 privies or pail closets were constructed. 108 Earth Closets, etc., were replaced by W.C.s.

### **(e) Public Cleansing**

Each Parish is responsible for its own refuse collection and disposal. In the Parish of Filton, an urbanized area, weekly collection of all refuse is carried out, and in the Parish of Stoke Gifford arrangements were made during the year for a fortnightly collection. In several of the more rural Parishes, a quarterly collection is made of incombustible materials (tins, bottles, etc.) but excluding ashes.

### **(f) Sanitary Inspections.**

The following is a summary of visits (primary and revisits) made to various premises during the year: —

		No. 1 Dist.	No. 2 Dist.
Complaints Investigated	... ..	70	93
Premises under Housing Acts (except Overcrowding)	... ..	139	280
Premises re Overcrowding	... ..	11	15
Dairies, Cowsheds and Milk Shops	... ..	97	121
Bakehouses	... ..	20	27
Factories and Workshops	... ..	3	22
Schools	... ..	5	8
Shops Act Visits	... ..	20	31
Petroleum Act Visits	... ..	53	69

### **(g) Shops and Offices.**

It was not found necessary to take any formal action during the year under the Sanitary Provisions of the Shops Act.

### **(h) Camping Sites.**

(1) No. of Sites in the Area used for camping purposes during 1938	2
(2) No. of Licences issued	1
(3) Estimated No. of Campers resident in the area at one time	5

### **(i) Smoke Abatement.**

No complaints were received. During the year the Bristol and District Regional Smoke Abatement Advisory Council was formed, the

object being to assist local Councils in any troubles that might arise in their District, and to arrange classes for stokers. It is intended that the scope of the Council's activities would be along the lines of the following headings: —

- (1) To secure uniformity and improvement in administration of legislation.
- (2) To confer on matters relating to smoke abatement.
- (3) To give advice in difficult cases.
- (4) To maintain liason with other regional councils and with the Ministry of Health.
- (5) Propaganda and Education and Research.
- (6) Co-operation with Industry.

#### **(j) Swimming Baths and Pools.**

Three privately owned swimming pools at Wick, Chipping Sodbury and Westerleigh, are in use during the summer months. The water supply is derived from natural springs.

#### **(k) Eradication of Bed Bugs.**

No action was required during the year.

#### **(l) Schools.**

Visits have been made to Schools in the Area, and matters requiring attention have been referred to the appropriate Authorities for necessary action. In most cases where requirements were advised attempts have been made to conform to the requirements.



**(D) HOUSING.**

During the year 475 houses were completed, of which 76 were under the Council's Housing Programme. Rapid development is still taking place in the Filton Parish, where no less than 292 were completed.

**Housing, 1938.**

No.	Parish	Council				Total
		Private En'prise 1938	Houses Com'ced 1938	Houses Comp'ed 1938	Houses Comp'ed 1938	
1.	Chipping Sodbury	—	—	—	—	—
2.	Filton	292	—	—	—	292
3.	Frampton Cotterell	7	22	22	—	29
4.	Iron Acton	—	—	—	—	—
5.	Stoke Gifford	70	—	—	—	70
6.	Westerleigh	4	—	—	—	4
7.	Winterbourne	7	10	10	—	17
8.	Yate	17	16	8	—	25
9.	Acton Turville	—	—	—	—	—
10.	Badminton	—	—	—	—	—
11.	Dodington	—	—	—	—	—
12.	Doynton	—	—	—	—	—
13.	Cold Ashton	—	—	—	—	—
14.	Hawkesbury Upton	—	—	—	—	—
15.	Horton	—	—	—	—	—
16.	Little Sodbury	—	—	—	—	—
17.	Marshfield	—	4	4	—	4
18.	Old Sodbury	1	28	28	—	29
19.	Pucklechurch	—	—	—	—	—
20.	Tormarton	—	—	—	—	—
21.	Wick	—	—	—	—	—
22.	Wickwar	1	4	4	—	5
23.	Dyrham and Hinton	—	—	—	—	—
		399	84	76	—	475

No. 1 No. 2  
Dist. Dist.

2. Inspection of Dwelling-houses during the year:—

(1) (a)	Total number of houses inspected for housing defects (under Public Health or Housing Acts)	...	95	215
(b)	Number of inspections made for the purpose	...	139	280
(2) (a)	Number of dwelling houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Reg.	...	...	...
	1925 and 1932	...	70	83
(b)	No. of inspections made for the purpose	...	175	208



(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	18	17
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	...	22	31
(3) Remedy of Defects during the Year without Service of formal notices: Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	...	...	...	...	29	25
4. Action under Statutory Powers.						
(a) Proceedings under Sect. 9, 10 and 16 of the Housing Act, 1936:						
(1) Number of dwelling houses in respect of which Notices were served requiring repairs	...	...	...	...	—	4
(2) Number of dwelling houses which were rendered fit after service of formal notices:	...	...	...	...	—	4
(a) By Owners	...	...	...	...	—	3
(b) By Local Auth. in default of Owners	...	...	...	...	—	1
(b) Proceedings under Public Health Acts.						
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	11	31
(2) Number of dwelling houses in which defects were remedied after service of formal Notices:	...	...	...	...	...	...
(a) By Owners	...	...	...	...	10	22
(b) By Local Auth. in default of Owners	...	...	...	...	—	—
(c) Proceedings under Sects. 11 and 13 of the Housing Act, 1936.						
(1) Number of dwelling houses in respect of which demolition orders were made	...	...	...	...	2	2
(2) Number of dwelling houses in pursuance of Demolition Orders	...	...	...	...	2	2
(d) Proceedings under Section 12 of the Housing Act, 1936:						
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	...	...	—	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement of the room having been rendered fit	...	...	...	...	—	—
5. Housing Act, 1936. Part IV. Overcrowding.						
(a) (i) Number of dwellings overcrowded at the end of the year	...	...	...	...	8	7

(ii) Number of families dwelling therein	...	...	8	7			
(iii) Number of persons dwelling therein	...	...	38	55			
(b) Number of new cases of overcrowding reported during the year	...	...	...	...	1	2	
(c) (i) Number of cases of overcrowding relieved during the year	...	...	...	...	...	—	12
(ii) Number of persons concerned in such cases	...	...	...	...	...	—	94

## (E) INSPECTION AND SUPERVISION OF FOOD.

### (a) Milk Supply.

During the year 174 Dairies, Cowsheds and Milkshops were inspected, and 218 inspections made, 19 Samples of Milk were taken for bacteriological examination.

### (b) Meat and Other Foods.

Carcases Inspected and Condemned.

	Cattle, excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number Inspected	98	7	108	441	421
All Diseases except Tuberculosis. Whole carcasses condemned	—	—	—	2	1
Carcases of which some part or organ was condemned	—	—	—	12	4
Percentage of the number inspected affected with disease other than Tuberculosis	—	—	—	3.1	1.1
Tuberculosis only. Whole carcasses condemned	1	—	—	—	—
Carcases of which some part or organ was condemned	5	—	—	—	22
Percentage of the number inspected affected with Tuberculosis	6.1	—	—	—	5.2

## (F) PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

(a) *Diphtheria*. There were 10 cases during the year as against 25 last year. Seven of the cases were admitted to Hospital, and there were no deaths.

(b) *Scarlet Fever*. There were 64 cases notified during the year, as against 40 in 1937. Twenty-one cases were admitted to Hospital owing to home conditions. There were no deaths.

(c) *Meningococcal Meningitis*. One case occurred, and subsequently died at the Bristol Royal Infirmary.

(d) *Pneumonia*. Seventy cases were notified; of these sixty occurred at Stoke Park Colony.

(e) *Dysentery*. There were 12 cases notified during the year; nine occurred at Stoke Park Colony.

(f) *Ophthalmia Neonatorum*. One case was notified, and information was forwarded the County Health Department for necessary action.

(g) *Puerperal Pyrexia*. Seven cases were notified.

*Immunisation against Diphtheria*. A scheme is in operation in this District whereby children are treated by private Practitioners who are paid a fee of 5/- by the District Council for each case treated. The cost of the material is also borne by the Council. The average cost of the material per patient was 4/1.

During the year 161 children were immunised, viz.: (a) 63 pre-school children, and (b) 98 school children. The materials used were "Wellcome" T.A.F. (3 injections) and "Mulford" A.P.T. (2 injections).

A proposal by the Gloucestershire County Council in regard to free immunisation of all children against Diphtheria was submitted to the Council for consideration. Briefly, the scheme involved immunisation of school children by one of the County School Medical Officers, and of children under school age by local medical practitioners. The only direct cost to be borne by the Local Authority was the purchase of immunising material. The Council agreed to the Scheme, but owing to the fact that other County Districts imposed certain restrictions in regard to the administration in their Areas, the County Council has taken no further action.



TABLE SHOWING INCIDENCE OF INFECTIOUS DISEASE IN PARISHES.

Parish	S. Fever	Erysipelas	Pneumonia	Dysentery	Diphtheria	Acute Polio-myelitis	Ophthalmia Neo-natorum	Puerperal pyrexia	Meningo-coccal Meningitis
Frampton Cotterell	5	1	—	—	—	—	—	—	—
Stoke Gifford	3	1	1	—	—	—	—	—	—
(Stoke Park Colony)	—	5	60	9	2	—	—	—	—
Filton ...	23	6	1	2	5	1	1	3	—
Iron Acton ...	6	—	1	—	—	—	—	—	—
Chipping Sodbury	3	—	1	—	—	—	—	1	—
Yate ...	2	—	1	—	—	1	—	2	—
Winterbourne	7	—	2	1	1	—	—	1	—
Westerleigh	1	—	—	—	—	—	—	—	—
Acton Turville	1	—	—	—	—	—	—	—	—
Old Sodbury	6	1	—	—	—	—	—	—	1
Marshfield	1	1	—	—	—	—	—	—	—
Wickwar ...	2	—	—	—	—	—	—	—	—
Hawkesbury	2	1	—	—	—	—	—	—	—
Wick ...	—	1	2	—	2	—	—	—	—
Pucklechurch	—	1	1	—	—	—	—	—	—
Doynton ...	1	—	—	—	—	—	—	—	—
Tormarton	—	2	—	—	—	—	—	—	—
Dyrham & Hinton	1	—	—	—	—	—	—	—	—
Totals	64	20	70	12	10	2	1	7	1



TABLE SHOWING INCIDENCE OF INFECTIOUS DISEASES IN AGE GROUPS, ETC.

Disease	Under 1 Year											Total Cases 65 up	Total Cases admitted to Hosp.	Total Deaths	
		1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65				
Scarlet Fever	...	1	6	4	5	27	9	2	8	2	—	—	64	22	—
Erysipelas	...	—	—	1	—	—	—	3	5	6	4	1	20	2	—
Pneumonia	...	1	—	3	2	27	9	10	5	4	7	2	70	—	—
Dysentery	...	—	—	—	—	7	1	2	1	1	—	—	12	—	—
Diphtheria	...	—	1	1	1	2	1	2	1	1	—	—	10	7	—
Poliomyelitis	...	1	—	—	—	1	—	—	—	—	—	—	2	—	—
Ophthalmia Neonatorum	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Puerperal Pyrexia	...	—	—	—	—	—	—	1	5	1	—	—	7	—	—
Meningococcal Meningitis	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1
		2	2	7	8	64	20	20	26	15	11	3	187	31	1

**(2) Cancer.**

The British Empire Cancer Campaign has recently formed a Committee to stimulate the education of the Public on matters concerning Cancer, and panels of practitioners have been formed to give lectures to local organizations. The objects of these lectures are (1) to diminish the present very wide-spread fear of the disease; (2) to impress upon people the importance of early diagnosis and to persuade them to seek medical advice at an early stage of the disease; and (3) to convince people that cancer in its early stages is curable.

The Medical Officer of Health acts as local secretary and is always prepared to arrange lectures on request being made.

**(3) (a) Prevention of Blindness.**

No action was taken during the year in regard to prevention of blindness as the County Council provide services for the welfare of the blind through the County Association.

**(b) Tuberculosis.**

There were 32 cases of respiratory and 19 non-respiratory notified during the year, as against 17 respiratory and 6 non-respiratory in 1937:

## Tuberculosis.

Age periods		New Cases				Deaths			
		Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
		M.	F.	M.	F.	M.	F.	M.	F.
0	...	—	—	—	—	—	—	—	—
1	...	—	—	2	1	—	—	—	—
5	...	1	2	2	1	—	1	—	—
10	...	1	3	—	1	—	1	—	1
15	...	4	4	1	1	1	2	1	—
20	...	—	5	4	3	2	—	1	—
25	...	5	3	—	1	—	1	—	—
35	...	2	1	—	—	1	1	—	—
45	...	—	—	1	—	—	—	—	—
55	...	1	—	—	1	1	—	—	—
65 up	...	—	—	—	—	—	—	—	—
Totals	...	14	18	10	9	5	6	2	1





Shipping Society

Infirmary Gate

Bristol

664 / 3210 / 22a